

1 **WHAT IS CLAIMED IS:**

2 1. A hinge for a notebook computer comprising:

3 a hinge member having a seat with a lateral portion and an upright
4 portion perpendicular to the lateral portion, the upright portion having a hole
5 defined through the upright portion and at least one recess defined at an exterior
6 side of the upright portion; and a pintle with a non-circular cross section
7 extending through the hole and having an external thread formed at a first end of
8 the pintle, a connecting part formed at a second end of the pintle, and a nut
9 engaged with the external thread at the first end; and

10 a fastener assembly having a positioning member provided outside the
11 pintle and between the upright portion and the nut, the positioning member
12 having an aperture with a non-circular cross section corresponding to the pintle,
13 and at least one protrusion formed at a surface facing the upright portion and
14 engaged in the at least one recess in a closed status of the notebook computer,
15 and a resilient member provided outside the pintle and between the positioning
16 member and the nut.

17 2. The hinge as claimed in claim 1, wherein the upright portion of the
18 seat has two recesses defined at two diametrically opposite sides of the hole; and
19 the positioning member has two protrusions formed at two diametrically
20 opposite sides of the aperture and respectively positioned in the recesses in the
21 closed status of the notebook computer.

22 3. The hinge as claimed in claim 2, wherein the outermost surfaces of the
23 protrusions in contact with the innermost surfaces of the recesses are curved
24 surfaces.

1 4. The hinge as claimed in claim 1, wherein the resilient member
2 includes multiple elastic dished disks each with a non-circular opening in series
3 provided between the positioning member and the nut with a back-to-back
4 configuration.

5 5. The hinge as claimed in claim 4, wherein the elastic dished disks are
6 arranged to each have an axial thickness gradually increased from the thickness
7 of the previous elastic dished disk as the arrangement of the elastic dished disks
8 extends from the positioning member to the nut.

9 6. The hinge as claimed in claim 1 further comprising at least one first
10 washer provided between the upright portion and the connecting part.

11 7. The hinge as claimed in claim 1 further comprising a second washer
12 provided between the resilient member and the nut.